Health Policy PhD Program

Year 1 - Fall [15]
[4] Epidemiology I (EPID 8311)
[3] Health Policy I (HPOL 8520 + 8521)
[4] Electives

Year 1 - Spring [15]
[3] Regression Analysis I (LPO 8851)
[3] Health Policy II (HPOL 8555)
[3] Health Economics (HPOL 8525 + 8526)
[1] Electives

Year 2 - Fall [14]
[3] Regression Analysis II (LPO 8852)
[3] Qualitative Methods (EDU 8820)
[4] Principles of Biostatistics (BIOS 6311, 6311L)
[3] Electives

Year 2 - Spring [13]
[3] Causal Inference (LPO 7810)
[3] Administrative Data Research (HPOL XXXX)
[3] Health Policy Independent Study (HPOL XXXX)
[3] Electives

Year 3 - Fall [6]
[0] Health Policy Research Seminar (HPOL 8225)
[3] Proposal Writing (HPOL XXXX)

Year 3 - Spring [3]
[0] Health Policy Research Seminar (HPOL 8225)

Year 4 - Fall & Spring [6]
[0] Health Policy Research Seminar (HPOL 8225)
Below is a list of potential elective courses for students in the Health Policy PhD program. Enrollment in these classes would be subject to approval from the instructor and the PhD Program Director.

**Vanderbilt University School of Law**
- LAW 7214 – Health Care Fraud and Abuse
- LAW 7216 – Health Law and Policy
- LAW 8076 – Health Policy
- LAW 9076 – Health Policy Seminar

**Owen School of Management**
- MGT 6012 – Health Care Quality Improvement
- MGT 6015 – Health Care Delivery Organizations
- MGT 6473 – Health Care Operations
- MGT 6501 – Health Care Immersion
- MGT 6504 – Health Care Economics and Policy
- MGT 6506 – Health Care Law and Regulation
- MGT 6509 – Health Care Data Analysis

**Graduate School / College of Arts and Sciences**
- ANTH 6343 – Biology and Culture of Race
- ANTH 8201 – Advanced Spatial Analysis
- BIOS 6321 – Clinical Trials and Experimental Design
- BIOS 6341 – Fundamentals of Probability
- BIOS 6342 – Contemporary Statistical Inference
- BIOS 7323 – Applied Survival Analysis
- BIOS 7330 – Regression Modeling Strategies
- BIOS 7345 – Advanced Regression Analysis I
- BIOS 7346 – Advanced Regression Analysis II
- BIOS 7351 – Statistical Collaboration in Health Sciences
- BIOS 7361 – Advanced Concepts in Probability and Real Analysis for Biostatisticians
- BIOS 7362 – Advanced Statistical Inference
- BIOS 8366 – Advanced Statistical Computing
- BIOS 8370 – Foundations of Statistical Inference
- BIOS 8372 – Bayesian Methods
- BME 7410 – Quantitative Methods in Biomedical Engineering
- EPID 8321 – Applied Epidemiologic Methods in Regression I: Binary Data
- EPID 8323 – Epidemiologic Methods: Design and Analysis with Time-to-Event Data
- EPID 8331 – Seminar in Quantitative Methods and Measurement
- EPID 8332 – Advanced methods for Epidemiology
- ECON 5250 – Industrial Organization
- ECON 8300 – Statistical Analysis
- ECON 8310 – Econometrics I
- ECON 8320 – Econometrics II
- ECON 9310 – Time Series Econometrics
ECON 9320 - Non-parametric and Sem\(^1\)-parametric Econometrics\(^2\)
ECON 9330 - Microeconometrics
ECON 9490 - Health Economics
MATH 5640 - Probability\(^1,2\)
MHS 7314 - Global Health Politics and Policy
MHS 7317 - Introduction to Quality Improvement
NRSC 8306 - Research Design and Statistics I\(^2\)
NRSC 8307 - Research Design and Statistics II\(^2\)
NRSC 8308 - Research Design and Statistics III\(^2\)
NRSC 8309 - Special Topics in Quantitative Methods\(^2\)
PSY 8120 - Categorical Data Analysis\(^2\)
PSY 8305 - Linear and Nonlinear Mixed Effects Models\(^2\)
SOC 6311 - Statistics (Multivariate Analysis I)\(^2\)
SOC 6312 - Statistics (Multivariate Analysis II)\(^2\)
SOC 7600 - Quantitative Methods Workshop\(^2\)
PSCI 8355 - Research Design\(^2\)
PSCI 8356 - Statistics for Political Research I\(^2\)
PSCI 8357 - Statistics for Political Research II\(^2\)
PSY 8861 - Statistical Inference\(^2\)
PSY 8870 - Correlation and Regression\(^2\)
PSY 8873 - Structural Equation Modeling\(^2\)
PSY 8879 - Factor Analysis\(^2\)
PSY 8882 - Multilevel Modeling\(^2\)
PSY 8885 - Applied Latent Class and Mixture Modeling\(^2\)

Peabody College
HOD 3510 - Survey of Preventive Interventions
HOD 3500 - Community Health Theory and Practice
HOD 6200 - Program Evaluation\(^2\)
HOD 7120 - Human Development and Prevention Science
LPO 7860 - Research Design and Data Analysis I\(^2\)
LPO 7870 - Research Design and Data Analysis II\(^2\)
LPO 8852 - Regression II\(^2\)

\(^1\) May require special permission from PhD Program Director
\(^2\) Methods course